

INFORMATION SHEET

Case No. &  
Country

903241-01(TaN/it): U.S.A.

Title of the  
Invention

Composite Ion Exchange Membrane

PCT Application

Application Number PCT/JP03/13278  
filed October 16, 2003

Assignee  
(Applicant)

Name : TOYO BOSEKI KABUSHIKI KAISHA  
Address : 2-8, Dojimahama 2-chome,  
Kita-ku, Osaka-shi,  
Osaka 530-8230 Japan  
Representative : Hideo TAKEUCHI  
General Manager of Intellectual Property  
Department  
Nationality : Japanese corporation

Inventors

- (1) Name : Kota KITAMURA: engineer  
Address : c/o TOYO BOSEKI KABUSHIKI KAISHA  
RESEARCH CENTER,  
1-1, Katata 2-chome, Otsu-shi,  
Shiga 520-0292 Japan  
Nationality : Japanese citizenship
- (2) Name : Yoshimitsu SAKAGUCHI: engineer  
Address : ditto  
Nationality : Japanese citizenship
- (3) Name : Shigenori NAGAHARA: engineer  
Address : ditto  
Nationality : Japanese citizenship
- (4) Name : Shiro HAMAMOTO: engineer  
Address : ditto  
Nationality : Japanese citizenship

- (5) Name : Naohiko TAKIMOTO  
Address : 3-4-101, Kaminokidai,  
(changed) Kanagawa-ku, Yokohama-shi,  
Kanagawa 221-0011 Japan  
Nationality : Japanese citizenship
- (6) Name : Hideki SUGIHARA: engineer  
Address : c/o TOYO BOSEKI KABUSHIKI KAISHA  
RESEARCH CENTER,  
1-1, Katata 2-chome, Otsu-shi,  
Shiga 520-0292 Japan  
Nationality : Japanese citizenship
- (7) Name : Satoshi TAKASE: engineer  
Address : ditto  
Nationality : Japanese citizenship
- (8) Name : Tooru KITAGAWA: engineer  
Address : ditto  
Nationality : Japanese citizenship
- (9) Name : Miyako NOSHIRO(\*)  
Address : 6-15-5-302, Fukushima,  
(changed) Fukushima-ku, Osaka-shi,  
Osaka 553-0003 Japan  
Nationality : Japanese citizenship  
(\*) The surname was changed due to marriage.

The above seven inventors (1)-(4) and (6)-(8) are all employees of the applicant company, TOYO BOSEKI KABUSHIKI KAISHA.

Priorities

To be claimed on the basis of the following  
four applications:

- (1) Japanese Patent Application  
Serial No. 2002-303289  
filed October 17, 2002  
invented by: Miyako NOSHIRO, Shiro HAMAMOTO,  
Hideki SUGIHARA, Satoshi TAKASE, and  
Tooru KITAGAWA  
filed by: TOYO BOSEKI KABUSHIKI KAISHA

- (2) Japanese Patent Application  
Serial No. 2002-303290  
filed October 17, 2002  
invented by: Miyako NOSHIRO, Shiro HAMAMOTO,  
Hideki SUGIHARA, Satoshi TAKASE, and  
Tooru KITAGAWA  
filed by: TOYO BOSEKI KABUSHIKI KAISHA
- (3) Japanese Patent Application  
Serial No. 2002-312837  
filed October 28, 2002  
invented by: Kota KITAMURA, Yoshimitsu SAKAGUCHI,  
Shigenori NAGAHARA, Shiro HAMAMOTO,  
and Naohiko TAKIMOTO  
filed by: TOYO BOSEKI KABUSHIKI KAISHA
- (4) Japanese Patent Application  
Serial No. 2002-313025  
filed October 28, 2002  
invented by: Kota KITAMURA, Yoshimitsu SAKAGUCHI,  
Shigenori NAGAHARA, and  
Shiro HAMAMOTO  
filed by: TOYO BOSEKI KABUSHIKI KAISHA